



PRICE, 25c.

Do not forget that DEFIANCE STARCH has no equal either in quality or quantity; 16 ounces for ten cents.

Ever notice how long some men stand at the same street corner and "talk?"

YELLOW CLOTHES ARE UNSIGHTLY. Keep them white with Red Cross Ball Blue. All grocers sell large 2 oz. package, 5 cents.

A baseball pitcher is a power behind the throw.

Are You Using Allen's Foot Ease? It is the only cure for Swollen, Smarting, Burning, Sweating Feet, Corns and Bunions. Ask for Allen's Foot-Ease, a powder to be shaken into the shoes. At all Druggists and Shoe Stores, 25c. Sample sent FREE. Address, Allen S. Olmsted, LeRoy, N. Y.

Our grandmothers never played golf, but they had their tea caddies.

Mrs Winslow's Soothing Syrup. For children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

Most people seek sympathy when they ask advice.

The Magnetic Starch Mfg. Co. manufactures the DEFIANCE STARCH, put up in 72 packages in a case, each package containing 16 ounces. 34 more starch than is put up by any other manufacturer. If your wholesale house does not keep it, send your order to us and we will see that they deliver you the goods.

The theatrical manager likes to get a run for his money.

Ladies Can Wear Shoes One size smaller after using Allen's Foot Ease, a powder. It makes tight or new shoes easy. Cures swollen, hot, sweating, aching feet, ingrowing nails, corns and bunions. All druggists and shoe stores, 25c. Trial package FREE by mail. Address Allen S. Olmsted, LeRoy, N. Y.

Two weeks is as short in a vacation as it is long in jail.

Piso's Cure is the best medicine ever used for all affections of the throat and lungs.—Wm. O. ENDSLEY, Vanburys, Ind., Feb. 10, 1900.

A drawing card—a dentist's advertisement.

Hall's Catarrh Cure Is taken internally. Price, 75c.

You can't tell from a man's clothes how much he owes his tailor.

Housekeepers should not forget that DEFIANCE STARCH is absolutely the best brand of cold water laundry starch there is on the market and instead of getting premiums which are of little or no value with a ten or twelve ounce package which retails for ten cents, DEFIANCE STARCH is put up in packages of sixteen ounces; a full pound for ten cents; one half pound package for five cents. If your grocer does not keep it, drop a postal card to the Magnetic Starch Mfg. Company, Omaha, Neb., and they will see that you get it.

Thompson's Eye Water Afflicted with sore eyes, use

KIDDER'S PASTILLES. A sure relief for Asthma. Sold by all Druggists, or by mail, 25 cents. Charles Kidder, Mass.

IF CLAIMANTS FOR PENSION write to NATHAN RICKFORD, Washington, D. C., they will receive quick replies. B. 5th N. H. Vois Staff 20th Corps. Prosecuting Claims since 1878

I CURE FITS FREE A Palliative Treatment of Dr. O. Phelps Brown's Great Remedy for Fits, Epilepsy and all Nervous Diseases. Address, O. PHELPS BROWN, 30 Broadway, Newburgh, N. Y.

Buy of the Maker Now catalog ready. Send 25 cents and we will mail you one.

THE H. D. FOLSOM ARMS CO. 314 Broadway, NEW YORK.

MORE THAN HALF A CENTURY OF EXPERIENCE AND OUR GUARANTEE ARE BACK OF EVERY WATERPROOF OILED SLICKER OR COAT BEARING THIS TRADE MARK.

TOWER'S FISH BRAND ON SALE EVERYWHERE. BEWARE OF IMITATIONS. CATALOGUES FREE. SHOWING FULL LINE OF GARMENTS AND HATS. A. J. TOWER CO. BOSTON, MASS.

PISO'S CURE FOR CONSUMPTION Cures Coughs, Spasms, Hoarseness, Sore Throat, Asthma, Whooping Cough, etc. Sold by Druggists.



THE BABY'S FIRST SUMMER.

Fortunate is the city baby who is born in September or October, for then he will have but one summer to pass through while his powers of resistance are very low. By the end of the second year the child should have developed considerable strength of constitution, and ought, if properly cared for, to triumph over many evil influences to which the younger infant is very apt to succumb.

The primary cause of infant mortality in cities during midsummer is the intense heat, and next comes, in the case of bottle-fed children, the giving of indigestible food or of milk which has begun to change. The baby's life, in other words, depends upon his being kept cool and being properly fed.

These matters are of such importance that in most of our cities the health boards issue each summer leaflets containing directions for the care of the baby, and distribute them among all the tenement-house dwellers.

In these leaflets, mothers are warned particularly to keep the baby and all its surroundings absolutely clean. The child should be sponged or bathed once or twice every day in lukewarm water, dried by wrapping in a soft towel, and then put into clean, dry clothes. The clothing should be light and loose and changed often. The baby should never sleep in the clothes which it has worn during the day, nor wear in the day those which have been slept in at night. It should sleep in a separate cot, and never in the bed with its mother. The sleeping-room should always be well aired, the windows being open day and night.

During the day the baby should be kept in the open air as much as possible, and a daily ride into the country on a trolley car, or an excursion on the water, if there is any large body of it accessible, will do more, perhaps, than anything else to keep the little one in health.

It should never be forgotten that a baby needs water to drink, and plenty of it, in hot weather. The water should be boiled, then poured into a bottle, half filling it, and well shaken to restore the air lost in boiling. This is then cooled, not iced, and given to the baby in small quantities at frequent intervals through the day.

A nursing baby has an immense advantage over one that is bottle-fed, and on no account should weaning be attempted just before or during the hot weather. If artificial feeding is necessary, the physician should be consulted as to the choice of a food, for among the many kinds on the market some are good and some are not.

A baby's diet will be considered more fully in another article on the prevention of summer complaint.

AN ELECTRIC STORM DETECTOR.

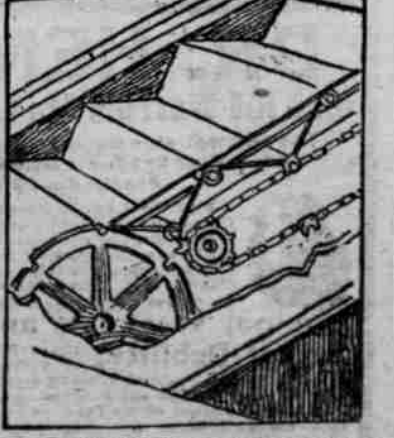
By connecting a form of electric coherer, invented by Professor Lera, which is capable of registering electric discharges taken place in the atmosphere at a distance of several miles, with a telephone receiver, Mr. Tommasina, an Italian experimenter, has produced an instrument, named "electro-radiophone," which enables an observer to follow the course of a storm so far away that no trace of it appears above the horizon. When the receiver is held at the ear, the listener hears the sounds of the storm as if it were raging in his immediate neighborhood. In one instance an approaching storm was thus detected 12 hours before it passed over Intra, the place of observation.

FILTERED WATER BAMBOO.

Mr. R. H. Yapp, an English naturalist who has recently explored the mountain ranges of the Malay Peninsula, reports the hitherto little known fact that in several species of bamboo the hollow internodes—the parts of the stems between the joints—are stored with large quantities of naturally filtered water. The knowledge of this fact might be of great service in an emergency. Mr. Yapp also discovered two species of ferns, growing on trees, whose thick, fleshy stems are filled with galleries tunneled by ants, the ferns thus forming living nests for ants.

STAIR-LIFT FOR PASSENGERS.

The moving stairway in the eastern department stores have ceased to



be a wonder to the shoppers and have proved themselves a great convenience and necessity, being always ready to carry passengers without the necessity of waiting for a return trip as in the case of the ordinary elevator. Now comes an inventor of Philadelphia with an improvement on the original moving stairway, with its low treads, the new arrangement taking the form of stairs which are made to rise on the endless chain conveyor. These

stairs afford a firm foothold on which the passengers can stand until they reach the upper level. A glance at the picture will show the plan on which the apparatus works, the treads forming automatically at the bottom of the lift by causing the supporting bars to pass into alternate upper and lower slots or guideways, thus bending the conveyor out of a straight line to form the treads and risers. Of course, the moving handrail is also provided to aid the passengers in maintaining their balance.

FROGS' NESTS.

In Brazil a species of tree-frog (*Hyla faber*) constructs in the water a curious nest, or fortification, to protect its eggs and its young from the attacks of fish. Starting at the bottom of a pond, the mother frog erects a circular, tubelike wall of mud, which at the top projects above the surface of the water, where it bears some resemblance to the crater of a miniature volcano. In the water thus enclosed the eggs are laid, and when they have hatched out the young frogs are secure from enemies until they are able to take care of themselves. In the meantime the parents remain in the neighborhood as if on guard.

PERUVIAN SEA PONIES.

Among curiosities of human invention are the small, gondola-shaped floats called caballitos, "little horses," employed by fishermen on the coast of Peru. They are made of sticks of cane, firmly bound together, with a high, turned-up prow. The rider rests on his knees and guides his water pony with a paddle. He rides over the roughest waves, and penetrates the surf and breakers without fear. Occasionally he is dismounted, but immediately regains his seat. His little raft is unsinkable and defies the stormiest sea, although of course he never goes far from land.

DUST FROM THE CLOUDS.

Baron Nordenskjöld, upon finding on the snows of Greenland dust composed of the elements invariably associated with meteorites, and of uncommon occurrence in terrestrial matter, concluded that cosmic dust is falling imperceptibly but continually upon the earth. Recent spectroscopic examination of many varieties of dust collected in England and elsewhere has an interesting bearing on Nordenskjöld's conclusions. Among the constituents of dust floating in the air are lead, silver, copper, rubidium, gallium, indium, thallium, nickel, manganese and so forth. Many of these can be traced to their sources in factory chimneys and fires. Volcanic dust has characteristic features, and dust from clouds, collected either by itself or in hail, snow, sleet or rain, exhibits a regularity of composition not seen in other varieties of dust. Iron, nickel, calcium, copper, potassium, and sodium always appear in it in about the same proportions. Some dust that fell near Dublin in 1897 resembles meteorites in its composition, is attracted by a magnet and seems to be of cosmic origin.

A GIANT VARIABLE STAR.

In the constellation Gemini is a well-known variable star, Zeta, of less than the third magnitude when brightest, which, according to an estimate recently set forth in the Observatory by Miss Agnes M. Clerke, may be ranked among the giants of starry space. The comparative insignificance of Zeta Geminorum among the visible stars appears to be due to its enormous distance. If removed equally far away, our sun would be only one thirty-seventh as bright as Zeta Geminorum when at its maximum brightness, and Miss Clarke computes the gravitative power of the star at 225 times that of the sun.

SCIENTIFIC NOTES.

Sugar Cane of China.

The sugar cane of China is said by botanists to be an entirely distinct species from that of India, and this fact is supposed to indicate that the development of sugar cane was carried on independently by two different nations at the same time.

Telescopes Above the Clouds.

Another mountain observatory is projected. It is to stand at an elevation of 6,000 feet near Semmering, in the Austrian Alps. The neighboring valleys are frequently filled with clouds, while the chosen peak towers clear in the starlight.

Electrical Power.

In a paper read recently before the Societe Internationale des Electriciens M. Picou, who was the engineer-in-chief for the electricity supply service at the Paris exposition, gave some interesting figures. The total duration of the electricity service at the fair was 2,756 hours, during which public lighting was supplied for 909 hours, and the average number of hours of running of the generators was 713.5. The total connections to the mains represented 11,265 kilowatts—practically 20,000 horse power.

"Wind shakes" are circular cracks in a tree separating the different layers. They are supposed to be caused by wind, and greatly injure the lumber made from such a tree.

England's Post-Laureate.

Mr. Alfred Austin, England's poet-laureate, is sixty-six. He was born in 1835, and it will soon be fifty years since, as a youth of nineteen, he wrote and published his first book, "Randolph: A Tale of Polish Grief."

Automobiles as Transport Wagons.

Experiments in France have proved convincing, and the French believe they are certain to play a role of much importance in modern warfare. It is odd to note the different uses to which nature and science are put. On the battlefield they fight for the destruction of life, while throughout the country Hostetter's Stomach Bitters fights to preserve it. For fifty years the Bitters has been curing dyspepsia, indigestion, constipation and biliousness. It will also prevent malaria, fever and ague.

The lumberman has to work for his board.

DEFIANCE STARCH will give better satisfaction than any other brand. It contains 34 more starch for the same money and if not satisfactory your money will be refunded.

A steady job is better than half a loaf.

The greatest of professional athletes use Wizard Oil for a "rub-down." It softens the muscles and prevents soreness.

It's the early worm that gets on the fish hook.

Antique Furniture of Value.

In 1868 a piece of antique furniture was sold by a gardener of Geneva Switzerland, to an antiquarian for under £11, with the reservation that if it was sold for a higher price the original owner should receive a portion of the same. It was recently sold to the Swiss Historical museum for £1,250, and now the heirs of the original owner are claiming a share of the above sum. The furniture is a unique specimen of the Bernois art of the sixteenth century.

Smell of Metals.

Some metals have a very much more pronounced smell than others. The smell of tin especially when newly cut, is unmistakable, but it is a moot point whether gold or platinum has any smell that could be recognized by human olfactory organs. Of the rarer metals uranium and all its compounds give the strongest smell and this gives us the reason why metals should have an odor. Uranium is always giving off what are known as the Becquerel rays, consisting of streams of excessively minute "corpuscles."

Six Doctors This Time.

South Bend, Ind., July 29th:—Six different doctors treated Mr. J. O. Landeman, of this place for Kidney Trouble. He had been very ill for three years, and he despaired of ever being well.

Somebody suggested Dodd's Kidney Pills. Mr. Landeman used two boxes. He is completely cured, and besides losing all his Kidney Trouble, his general health is much better than it has been for years.

No case that has occurred in St. Joseph County for half a century, has created such a profound sensation, and Dodd's Kidney Pills are being well advertised, as a result of their wonderful cure of Mr. Landeman's case.

There is no man so deep but that he has at least one shallow spot.

The golf player not only has to mind his p's and q's but his tees as well.

BEYOND THE HEAT BELT.

Mountain Breezes and Mountain Sports Available for Those Who Would Escape the Sizzling Heat.

Out beyond the plains of Kansas, where the snow capped peaks raise their heads, in Colorado, is the Mecca for sweltering residents of the Hot Belt. There has not been such a season of torridity for more than a third of a century, and it is beginning to tell upon the powers of the people. Their minds are less active, and their bodies are tired, and their systems debilitated. The best remedy is close acquaintance with nature, fair, and robed in cool greens, and swept by invigorating breezes and fortunately the opportunities are at hand and may be taken advantage of by everybody. The Missouri Pacific Railway with its system resembling a net work of lines in the great southwest, runs fine trains of palatial cars by a direct and agreeable route to Pueblo, and there connections are made with America's most popular scenic route, the Denver and Rio Grande Railway, in whose cars the public are carried into the very heart of the great mountain range, through canyons of dizzy depth and along the busy sparkling waters which came from Snowland and brought its coolness with them. There are very many delightful places in the Rockies and plenty of sport for the hunter and fisher. He displays excellent judgment who steals some time from his business and uses it in the pursuit of a favorite sport and for the benefit of his health. The Rio Grande Western is a natural connection of these two systems already mentioned, carrying their passengers still further toward the western outposts, into still more remote sporting country, and where forest and canyon wear their natural beauty the longer, and so, to the Desert City by the Great Salt Lake. There is no more delightful short tour and it can be accomplished with comparatively small expense. Sizzling over a desk in the heat of summer is unprofitable and unremunerative self sacrifice and should not be endured when coolness and health are so near at hand. These railway systems make travel a pleasure, and nature, ever kind, is the great restorer.—If you have not yet decided to take a summer trip, decide now to do so, and get out of the heat into the coolness of Colorado and Utah.

One-half the world smiles at the frowns of the other half.

IF YOU USE BALL BLUE. Get Red Cross Ball Blue, the best Ball Blue. Large 2 oz. package only 5 cents.

All flesh may not be grass, but some people are equally green.

If you have not yet tried DEFIANCE STARCH do so at once and save 34 of your money. 16 ounces in one package as against all other starches having but ten or twelve ounces, and you will also secure the very best starch on the market.



Prevent Baldness And Cleanse the Scalp of Crusts, Scales, and Dandruff by Shampoos with



And light dressings with CUTICURA, purest of emollients and greatest of skin cures. This treatment at once stops falling hair, removes crusts, scales, and dandruff, soothes irritated, itching surfaces, stimulates the hair follicles, supplies the roots with energy and nourishment, and makes the hair grow upon a sweet, wholesome, healthy scalp when all else fails.

Millions of Women

USE CUTICURA SOAP, assisted by Cuticura Ointment, the great skin cure, for preserving, purifying, and beautifying the skin, for cleansing the scalp of crusts, scales and dandruff, and the stopping of falling hair, for softening, whitening, and soothing red, rough, and sore hands, for baby rashes, itchings, and chafings, in the form of baths for annoying irritations and inflammations, or too free or offensive perspiration, in the form of washes for ulcerative weaknesses, and many sanative, antiseptic purposes which readily suggest themselves to women and mothers, and for all the purposes of the toilet, bath, and nursery. No amount of persuasion can induce those who have once used these great skin purifiers and beautifiers to use any others. CUTICURA SOAP combines in ONE SOAP at ONE PRICE, the BEST skin and complexion soap, the BEST toilet and baby soap in the world.

Complete External and Internal Treatment for Every Humour. Consisting of CUTICURA SOAP, to cleanse the skin of crusts and scales and soften the thickened cuticle, CUTICURA OINTMENT, to soothe and soften the thickened cuticle, CUTICURA OINTMENT, to soothe and soften the thickened cuticle, CUTICURA OINTMENT, to soothe and soften the thickened cuticle.